

# Copper Tube Terminals

Eland Product Group **FCA**



## Application

Standard copper tube terminals are manufactured from seamless copper tube. All terminals are provided with an inspection hole to ensure the conductor is fully inserted before crimping. A bell mouth also ensures a smooth transition from lug to cable, thus avoiding the problems of chafing where the component is subject to vibration.

The internal barrel diameters suit standard cables as defined in BS6360.

## Standards

BS4579, BS2871/C106

## Technical Data

### Material

Copper

## Dimensions

Eland Part Number	Cable Size mm <sup>2</sup>	Stud mm	Length mm	Width mm	Inside Diameter mm	Hole Diameter mm
FT6-5	6	5	24.5	10.0	4.1	5.3
FT6-6	6	6	24.5	11.0	4.1	6.3
FT6-8	6	8	27.0	12.5	4.1	8.3
FT10-5	10	5	26.0	10.8	4.4	5.1
FT10-6	10	6	26.0	10.8	4.4	6.3
FT10-10	10	10	39.0	15.0	4.4	10.4
FT16-5	16	5	30.0	10.8	5.6	5.2
FT16-6	16	6	30.0	10.8	5.6	6.3
FT16-8	16	8	30.0	13.5	5.6	8.3
FT16-10	16	10	35.5	15.0	5.6	10.3
FT16-12	16	-	42.0	18.0	5.6	-
FT25-5	25	5	32.5	13.8	7.0	5.2
FT25-6	25	6	32.5	13.8	7.0	6.3
FT25-8	25	8	32.5	13.8	7.0	8.3
FT25-10	25	10	38.0	16.0	7.0	10.2
FT25-12	25	12	38.0	18.0	7.0	12.8
FT35-6	35	6	35.0	15.3	8.2	6.3
FT35-8	35	8	35.0	15.3	8.2	8.2
FT35-10	35	10	40.5	15.3	8.2	10.3
FT35-12	35	12	40.5	18.0	8.2	12.9
FT35-14	35	14	40.5	19.6	8.2	14.8
FT50-6	50	6	37.0	17.4	9.5	6.3
FT50-8	50	8	37.0	17.4	9.5	8.3

FT50-10	50	10	42.5	17.4	9.5	10.3
Eland Part Number	Cable Size mm <sup>2</sup>	Stud mm	Length mm	Width mm	Inside Diameter mm	Hole Diameter mm
FT50-12	50	12	42.5	17.4	9.5	12.8
FT50-14	50	14	42.5	20.3	9.5	14.8
FT50-16	50	16	52.8	23.2	9.5	16.5
FT70-6	70	6	40.5	20.9	11.5	6.3
FT70-8	70	8	40.5	20.9	11.5	8.2
FT70-10	70	10	46.0	20.9	11.5	10.2
FT70-12	70	12	46.0	20.9	11.5	12.7
FT70-14	70	14	50.0	20.9	11.5	14.8
FT70-16	70	16	50.0	20.9	11.5	16.3
FT95-8	95	8	49.5	24.3	13.5	8.3
FT95-10	95	10	49.5	24.3	13.5	10.3
FT95-12	95	12	49.5	24.3	13.5	12.7
FT95-14	95	14	56.0	24.3	13.5	14.8
FT95-16	95	16	56.0	24.3	13.5	16.3
FT120-8	120	8	55.5	27.3	15.0	8.3
FT120-10	120	10	55.5	27.3	15.0	10.3
FT120-12	120	12	55.5	27.3	15.0	12.7
FT120-14	120	14	55.5	27.3	15.0	14.8
FT120-16	120	16	60.0	27.3	15.0	16.3
FT120-20	120	20	76.6	30.0	15.0	20.9
FT150-10	150	10	61.0	30.2	16.5	10.2
FT150-12	150	12	61.0	30.2	16.5	12.7
FT150-14	150	14	61.0	30.2	16.5	14.7
FT150-16	150	16	65.0	30.2	16.5	16.2
FT150-20	150	20	65.0	30.2	16.5	20.8
FT185-10	185	10	66.5	33.3	18.5	10.3
FT185-12	185	12	68.0	33.3	18.5	12.9
FT185-14	185	14	68.0	33.3	18.5	14.7
FT185-16	185	16	70.0	33.3	18.5	16.5
FT185-20	185	20	70.0	33.3	18.5	20.9
FT240-10	240	10	88.0	37.7	21.0	10.3
FT240-12	240	12	88.0	37.7	21.0	12.7
FT240-14	240	14	88.0	37.7	21.0	14.7
FT240-16	240	16	88.0	37.7	21.0	16.4
FT240-20	240	20	88.0	37.7	21.0	20.9
FT300-10	300	10	97.0	41.0	23.0	10.3
FT300-12	300	12	97.0	41.0	23.0	12.7
FT300-14	300	14	97.0	41.0	23.0	14.7
FT300-16	300	16	97.0	41.0	23.0	16.4
FT300-20	300	20	97.0	41.0	23.0	20.9
FT400-12	400	12	108.0	47.3	27.0	12.7
FT400-14	400	14	108.0	47.3	27.0	14.7
FT400-16	400	16	108.0	47.3	27.0	16.4
FT400-20	400	20	108.0	47.3	27.0	20.9
FT400-BK	400	-	108.0	47.3	27.0	-
FT500-14	500	14	117.0	53.0	30.0	14.7
FT500-16	500	16	117.0	53.0	30.0	16.4
FT500-20	500	20	117.0	53.0	30.0	20.9
FT500-BK	500	-	117.0	53.0	30.0	-

The information contained within this datasheet is for guidance only – actual cable dimensions should be considered before making final selection as these may vary due to manufacturing tolerances.